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U.S. Patent 6,713,943 B1  
Attorney Docket No.: 15162/02100



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re

U. S. Patent No.:

6,713,943 B1

**Certificate**

Issued:

March 30, 2004

**AUG 25 2004**

From:

U.S. Serial No. 09/591,622

**of Correction**

Filed:

June 9, 2000

By:

Shinya MATSUDA, Takashi MATSUO and  
Masayuki UEYAMA

For:

ACTUATOR AND DRIVING METHOD  
THEREOF

Certificates of Correction Branch  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Certificates of Correction Branch, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on

August 17, 2004

Date of Deposit

Thomas N. Tarnay

Name of Applicant, Assignee, or Registered  
Representative

Signature

August 17, 2004

Date of Signature

Dear Sir:

**REQUEST FOR CERTIFICATE OF CORRECTION**

It is respectfully requested that a Certificate of Correction be issued for U.S. Patent No. 6,713,943 B1, issued March 30, 2004, for the purpose of correcting errors contained in the patent.

Attached in duplicate are Forms PTO-1050 (PTO/SB/44), with at least one copy being suitable for printing.

**AUG 27 2004**

The printing errors contained in U.S. Patent No. 6,713,943 B1 are set forth below:

Column 8, line 48, " $\omega^2 = K/(\mu L/3) = K/(m/3)$ " was incorrectly printed by the Patent and Trademark Office as " $\omega_2 = K/(\mu L/3) = K/(m/3)$ ". (See line 18 as presented on page 18 of the specification of the application as filed on June 9, 2000).

Column 15, line 65 "10' having" was incorrectly printed by the Patent and Trademark Office as "10' having". (See lines 13 and 14 as presented on page 34 of the specification of the application as filed on June 9, 2000).

Column 16, line 9, "10' advances" was incorrectly printed by the Patent and Trademark Office as "10' advances". (See lines 22 and 23 as presented on page 34 of the specification of the application as filed on June 9, 2000).

Column 21, line 6 (claim 5, line 18), "the" was incorrectly printed by the Patent and Trademark Office as "die". (See line 14 of application claim 6 as presented on page Appendix A-2 of Patentees' Brief for Appellant, mailed to the Patent and Trademark Office on August 8, 2003). Note that before issuance of the patent the Patent and Trademark Office renumbered application claim 6 as patent claim 5.

Column 21, line 63 (claim 8, line 9), "an" was incorrectly printed by the Patent and Trademark Office as "un". (See line 8 of application claim 9 as presented on page Appendix A-4 of Patentees' Brief for Appellant, mailed to the Patent and Trademark Office on August 8, 2003). Note that before issuance of the patent the Patent and Trademark Office renumbered application claim 9 as patent claim 8.

Column 24, line 5 (claim 13, line 38), "first" was incorrectly printed by the Patent and Trademark Office as "fist". (See line 26 of application claim 14 as presented on page Appendix A-6 of Patentees' Brief for Appellant, mailed to the

Patent and Trademark Office on August 8, 2003). Note that before issuance of the patent the Patent and Trademark Office renumbered application claim 14 as patent claim 13.

Column 24, line 15 (claim 14, line 8), "first" was incorrectly printed by the Patent and Trademark Office as "fist". (See line 6 of application claim 16 as presented on page Appendix A-7 of Patentees' Brief for Appellant, mailed to the Patent and Trademark Office on August 8, 2003). Note that before issuance of the patent the Patent and Trademark Office renumbered application claim 16 as patent claim 14.

The foregoing errors occurred in the printing of the patent, and thus constitute errors made by the Patent and Trademark Office.

Please issue a Certificate of Correction and transmit the Certificate to the attorney whose signature and address appear below.

Respectfully submitted,

By: 

Thomas N. Tarnay  
Reg. No. 41,341  
Attorney for Patentees

TNT:pm  
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August 17, 2004

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO : 6,713,943 B1  
DATED : March 30, 2004  
INVENTOR(S) : Shinya Matsuda et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8:

Line 48, delete " $\omega_2 = K/(\mu L/3) = K/(m/3)$ ", and insert -- $\omega^2 = K/(\mu L/3) = K/(m/3)$ --.

Column 15:

Line 65, delete "10' having", and insert --10' having--.

Column 16:

Line 9, delete "10' advances", and insert --10' advances--.

Column 21:

Line 6 (claim 5, line 18), delete "die", and insert --the--.

Line 63 (claim 8, line 9), delete "un", and insert --an--.

MAILING ADDRESS OF SENDER:

PATENT NO. 6,713,943 B1

Sidley Austin Brown & Wood LLP  
717 North Harwood, Suite 3400  
Dallas, Texas 75201

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Certificates of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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